

DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the
5 original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled EXTENDED OPTICAL BANDWIDTH SEMICONDUCTOR SOURCE
10 (Attorney's Docket No. AHURA-5), the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

15 I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

20 I hereby claim priority benefits under Title 35, United States Code, Section 119(e), of:

(1) pending prior U.S. Provisional Patent Application Serial No. 60/454,096, filed 03/12/03 by Kevin J. Knopp et

al. for LASER SOURCE FOR RAMAN SPECTROSCOPY APPLICATIONS
(Attorney's Docket No. AHURA-6 PROV); and

(2) pending prior U.S. Provisional Patent Application
Serial No. 60/454,037, filed 03/12/03 by Kevin J. Knopp et
5 al. for HIGH SPECTRAL FIDELITY LASER SOURCE WITH LOW FM-TO-
AM CONVERSION AND NARROWBAND TUNABILITY (Attorney's Docket
No. AHURA-7 PROV).

I hereby appoint Pandiscio & Pandiscio, a firm composed
of Nicholas A. Pandiscio, Registration No. 17,293, Mark J.
10 Pandiscio, Registration No. 30,883, Scott R. Foster,
Registration No. 20,570, and James A. Sheridan, Registration
No. 43,114, or any of them, of 470 Totten Pond Road,
Waltham, Massachusetts 02451, (Telephone No. 781-290-0060),
my attorneys with full power of substitution and revocation,
15 to prosecute this application and to transact all business
in the Patent Office connected therewith.

Please direct all correspondence in this matter to:

Mark J. Pandiscio
Pandiscio & Pandiscio, P.C.
470 Totten Pond Road
Waltham, MA 02451-1914
Tel.: 781 290 0060
Fax.: 781 290 4840

Please direct all telephone calls to:

Mark J. Pandiscio or
Nicholas A. Pandiscio

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signature:

Inventor's full name:

Date:

5

Residence:

Post Office Address:

Citizenship:

Kevin J. Knopp

55 Curzon's Mill Road

Newburyport, MA 01950

Same

10

Inventor's signature:

Inventor's full name:

Date:

Residence:

15

Post Office Address:

Citizenship:

Daryoosh Vakhshoori

10 Rogers Street, Apt. 205

Cambridge, MA 02142

Same

Inventor's signature:

Inventor's full name:

Date:

5

Residence:

Post office address:

Citizenship:

10

Inventor's signature:

Inventor's full name:

Date:

15

Residence:

Post Office Address:

Citizenship:

20

KK/AHURA0607.AP5

AHURA-0607

Masud Azimi

101 Fletcher Rd.

Belmont, MA 02478

same

Peidong Wang

225 Davis Road

Carlisle, MA 01741

Same